A.
$$\frac{1}{7}(n\pi n_1 + n\pi n_{-1})$$
 $M[n] = 3\pi n_1 \longrightarrow 3\pi n_1$
 $\frac{1}{7}(n\pi n_1 + n\pi n_{-1})$
 $\frac{1}{7}(n\pi n_1 + n\pi n_{-1})$
 $\frac{1}{7}(n\pi n_1 + n\pi n_{-1})$
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 $\frac{1}{7}(n\pi n_1 + n\pi n_1)$

(1) 3

(PU)

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ملحق لوم (سورال موم) العف)

$$y(t) = \int_{-\infty}^{+\infty} e^{-aT} u(T) u(t-T) dT$$

$$= \int_{0}^{+\infty} e^{-aT} dT = -\frac{e^{-aT}}{a} = -\frac{e^{-aT}}{a} + \frac{1}{a}$$

$$= \frac{1-e}{a} = -$$

$$= \frac{1-e}{a} = -$$

مخش م سؤال جهارم) بسولته زما) ا- ب

$$y(t) = n(t) * h(t)$$

$$y(t) = \begin{cases} (t * r) \\ (t * r) \\ r \end{cases}; x(t * - 1)$$

$$\frac{1}{r} * t * 1 = t * \frac{1}{r} ; -1 < t < 1$$

$$\frac{1}{r} * t * 1 = t * \frac{1}{r} ; -1 < t < 1$$

$$\frac{1}{r} * \frac{1 * (r - t)}{r} = t - \frac{1}{r} ; 1 < t < 1$$

$$\frac{1}{r} * \frac{1}{r} *$$

١- الف)